

A rotating home to make the most of solar energy

LOCATION: San Pedro de Alcántara, Málaga.

DURATION: 1'44"

SUMMARY: A home that is always facing the sun or to be able to change the views of a specific room. These are the possibilities offered by the rotating home designed by Malagan architects. It's called SunHouse360 and it was designed to make the most of solar energy, saving up to 70%.

VTR:

Can you imagine a home that follows the sun just like sunflowers do? Or that has different orientation depending on the time of the day? These Malagan entrepreneurs have patented a rotation system that makes this aesthetic and sustainable function possible.

JOSÉ CARLOS MOYA
Sunhouse360 architect

"When choosing the orientation of a new home that is going to be built, probably, we would choose one or another depending on the time of the year. Why not choosing all of them? I can receive heat throughout the day because my home follows the sun."

PEDRO TORRES
Sunhouse360 architect

"It achieves the maximum energy saving, and we can save up to 70% compared to a conventional home thanks to this rotation system."

That's why we can make the most of solar energy and, for example, keep an optimal temperature inside the home. There are several types of rotation, depending on if we want to follow the sun, a room to have a specific view or if we prefer to rotate the home manually. And everything can be done through a mobile app.

PEDRO TORRES
Sunhouse360 architect

"We have developed an app that is pretty intuitive and easy to use, in addition, it also allows us to control home automation systems."

JOSÉ CARLOS MOYA
Sunhouse360 architect

"It allows choosing the views, which could be very attractive for an architect, but it also has a sustainability component."

The rotation speed is 15 minutes per turn. These architects have designed several models of home that include this rotation system, and they also offer a rotating platform that can be included in other architectural projects.

JOSÉ CARLOS MOYA
Sunhouse360 architect

"To add the rotating platform to a existing or new project."

By now, countries with less daylight hours, like Germany or Nordic countries, have shown interest in this project.

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